

TOMORROW'S TRACTORS TODAY



World's First Production Electric Drive Tractor

MTZ 3623 - 360 hp
Starting at \$US 398,000

- ⚡ Diesel Generator runs an electric motor that powers the tractor.
- ⚡ No traditional transmission means no maintenance, no oil/filter changes
- ⚡ 15% - 30% Less Fuel per Acre
- ⚡ 270 kWt Electric Standby Power available as a backup power supply for your farm, to power electric implements etc.
- ⚡ 30,000 hours rated maintenance free electric transmission
- ⚡ 20,000 hours engine life, because it works as a Generator only

SIMPLY ECONOMICAL



- ⚡ Engine - Caterpillar or Cummins
- ⚡ 6 cylinders in line, turbocharged
- ⚡ Hydraulic system - closed center, pump capacity - 53 gpm
- ⚡ 3 pt hitch, Cat III or IV, 4 remotes and lift capacity 22,000 lbs.
- ⚡ Infinite speed selection in 2 ranges - Field .01 mph -11 mph - Road - 0.1 mph - 26 mph
- ⚡ You own the diagnostic software - (Windows based)



MTZ - Simplicity, Affordability and Durability

See inside for Electric Drive Tractor Model 3623

Model	3623	K744	1523	1220	952	920	921
Starting Price	\$ 398,000	\$220,000*	\$83,800*	\$59,800*	\$46,200*	\$43,750*	\$48,200*
ENGINE							
Engine Manufacturer	Caterpillar, Cummins	Mercedes Benz, Germany	Minsk Motor Plant, Belarus	Minsk Motor Plant, Belarus	Minsk Motor Plant, Belarus	Minsk Motor Plant, Belarus	Minsk Motor Plant, Belarus
Model	TBD	OM470 T4F	D-260.1S3A	D-245.2S3AM	D-245.5S3AM	D-245.4S3AM	D-245.5S3AM
Horsepower*	360 Engine 322 PTO	435 Engine 340 PTO	155 Engine 145 PTO	122 Engine 112 PTO	105 Engine 95 PTO	84 Engine 77 PTO	105 Engine 95 PTO
Cylinder	6 In Line	6 In Line	6	4	4	4	4
Aspiration	Turbocharged	Turbocharged	Turbocharged	Turbocharged	Turbocharged	Turbocharged	Turbocharged
ELECTRICAL EQUIPMENT							
Alternator	28V, 3,000 W	28V 35/80A	12V 1,150 W	12V 1,150 W	12V 1,000 W	12V 1,000 W	12V 1,000 W
Starter	24V, 7,000 W	24V, 7,000 W	24 V	24V, 5,500 W	24 V	24 V	24 V
TRANSMISSION							
Type	Continuous Variable	Semi Powershift	Sync or Semi PS	Synchronised	Synchronised	Synchronised	Synchronised
Gears	Infinite	16F - 8R	24F - 12R,16x8	16 F - 8 R	14 F - 4 - R	14 F - 4 - R	14 F - 4 - R
Speed Forward	mph - 0.1 - 25 km/h - 0.16 - 40	mph - 2.63-21.4 km/h - 4.24-34.4	mph - 1.06-22.6 km/h - 1.7-36.3	mph - 1.1-26.5 km/h - 1.8-42.7	mph - 1.36-24.7 km/h - 2.19-39.7	mph - 1.36-24.7 km/h - 2.19-39.7	mph - 1.19-16.9 km/h - 1.19-27
Speed Reverse	mph - 0.1 - 25 km/h - 0.16 - 40	mph - 3.27-15.9 km/h - 5.2-25.7	mph - 1.55-10.6 km/h - 2.5-17.1	mph - 2.1-12.7 km/h - 3.3-20.5	mph - 2.85-5.2 km/h - 4.6-8.36	mph - 2.85-5.2 km/h - 4.6-8.36	mph - 2.5-5.56 km/h - 4.0-8.90
HYDRAULIC SYSTEM - Closed Center		Live, open center, gear type pump					
Pump Capacity	53 gpm 200 L/min	74 gpm 280 L/min	14-29 gpm 55-110 L/min	15 gpm 56 L/min	12 gpm 45 L/min	12 gpm 45 L/min	17.1 gpm 65 L/min
Remote Valves	4	4 + 1	3	3; 2 via Joystick	3; 2 via Joystick	3; 2 via Joystick	3; 2 via Joystick
3 pt hitch	Cat III, IV	Cat IV	Cat III	Cat II	Cat II	Cat II	Cat II
Lift capacity	22,000 lb 9,979 kg	19,842 lb 9,000 kg	14,330 lb 6,500 kg	9,555 lb 4,300 kg	8,820 lb 4,000 kg	8,820 lb 4,000 kg	8,820 lb 4,000 kg
TIRES							
Front	600/65 R34	710/70R38	420/70R24	420/70R24	360/70R24	360/70R24	24L16
Rear	710/70 R42	710/70R38	520/70R38	18.4R38	18.4R34	18.4R34	14.9R30
DIMENSIONS							
Wheelbase	10.8' - 3.30 m	12.3' - 3.76 m	9.25' - 2.82 m	8.5' - 2.6 m	8.0' - 2.45 m	8.0' - 2.45 m	8.1' - 2.46 m
Length	22.3' - 6.79 m	24.1' - 7.36 m	15.45' - 4.71 m	15.1' - 4.6 m	14.6' - 4.44 m	14.6' - 4.44 m	14.3' - 4.35 m
Width	8.6' - 2.62 m	9.4' - 2.88 m	7.4' - 2.25 m	7.4' - 2.25 m	6.5' - 1.97 m	6.5' - 1.97 m	5.2' - 1.6 m
To Top of Cab	11' - 3.35 m	12.7' - 3.88 m	9.5' - 2.89 m	9.5' - 2.89 m	9.4' - 2.85 m	9.4' - 2.85 m	7.8' - 2.38 m
Clearance	1.48' - 0.45 m	1.64' - 0.50 m	2.03' - 0.62 m	2.1' - 0.63 m	1.7' - 0.51 m	1.7' - 0.51 m	0.8' - 0.25 m
Turning Radius	18' - 5.5 m	26.1' - 7.96 m	16.4' - 5.00 m	14.7' - 4.49 m	14.8' - 4.50 m	14.8' - 4.50 m	11.8' - 3.6 m
Fordable Depth	2.8' - 0.85 m	3.28' - 1.00 m	2.8' - 0.85 m	2.8' - 0.85 m	2.8' - 0.85 m	2.8' - 0.85 m	2' - 0.6 m
Weight	28,160 - 44,000 lb 12,773 - 19,958 kg	42,240 lb* 19,159 kg*	13,800 lb 6,259 kg	12,170 lb 5,520 kg	9,480 lb 4,300 kg	9,480 lb 4,300 kg	7,904 lb 3,585 kg



MTZ 3623 - 360 hp



K744 - 435 hp



MTZ 1523 - 155 hp



MTZ 1220 - 122 hp



MTZ 920/952 - 84 / 105 hp



MTZ 921 - 105 hp

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